



Hosted by **WORK Microwave**

Holzkirchen, Germany
September 8-11, 2025

Technical questionnaire. The submission deadline for this form is 9th of May, 2025.

Company:

Contact:

Email:

Phone:

WORK MICROWAVE will provide the necessary premises, infrastructure, and facilities for the event. If requested WORK MICROWAVE can support 19-inch racks for the installation of your devices.

To ensure seamless integration of your equipment, please arrange transportation to bring or ship your devices, including any required cabling, control units, and peripherals (e.g., laptops, monitors). When transporting your equipment, we recommend using Incoterms DDP (Delivery Duty Paid) for shipments arriving at our premises and FCA (Free Carrier) for shipments departing from our location. We do not support other commercial terms or arrangements.

WORK MICROWAVE will host the event and coordinate testing activities to ensure a smooth experience. As part of this, we will provide limited technical support during setup and testing periods. However, participants are still responsible for ensuring their own equipment is properly installed, configured, and maintained throughout the duration of the event.

Our facility provides 230V 50Hz AC power supply. Please note that our electrical outlets are equipped with European-style sockets (Type F). If your devices require different voltage or plug types, you will need to bring compatible adapters or converters to ensure safe and efficient operation.

The event does not involve data exchange or transmission via cloud-based or remote connections. All necessary interactions and exchanges will take place on-site, utilizing local infrastructure. **The interoperability tests will use DIFI 1.2.1 standard.**

Please fill out the following questions **per device!**

Device _____ of _____

1. Name of device.

2. Please describe your device and its use-case.

3. How much power does your device require in Watts (with other supporting tech like laptops and test equipment etc., however only include those once if shared between devices)?

4. How many rack units does your device need?

5. What are the weight and dimensions of your device?

6. Will you ship a rack with your device(s)?

7. How do you plan to set up your device(s)? Will they require tables or racks, if so which sizes? Please provide an illustration for that (please attach a separate document).

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8. What carrier frequencies does your device support? Does it use intermediate frequency (L-band) or baseband?
9. What test equipment does your device need? Can you ship or bring this equipment with you?
10. Does your device have any special use-cases that would require remote connection from your company headquarters? Please describe them and the reason why it cannot be tested on-site.
11. Please describe an ideal test setup for your device including the necessary test equipment. Please provide a block diagram of the setup (please attach a separate document).
12. What additional devices, if any, would you like to provide for the event?

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Please indicate the connection compatibility of your devices in the table below!

Connection Module / Tested encoding connections	Independent	Aruba	Intel	Cisco	Ubiquiti	Mikrotik	Supernano
RJ45							
SFP							
SFP+							
SFP28							
QSFP+							
QSFP28							

	NTP	PPS (TTL@1kOhm, BNC)	10 MHz (0dBm +/- 3dBm, BNC 50Ohm)
Do you need a time/frequency reference for your device? (multiple selections possible)			

Device Type (e.g. Digitizer / De-Digitizer / Modulator / Demodulator / ...)

Supported Information Class acc. to Rev.1.2.1	DIFI-Source	DIFI-Sink
0x0000 (Basic Date Plane + Real Time TSF (time stamp fractional))		
0x0002 (Data Plane + Flow Control)		
0x0003 (Data Plane + Flow Control Real Time TSF)		
0x0004 (Basic Data Plane + Sample count TSF)		

	DIFI-Source	DIFI-Sink
Resolution / Bit depth (number of bits per sample I and Q) (4 ... 16) (e.g. 16 bit means 16 bit for I and 16 bit for Q) (time stamp fractional)		

Supported Sample rate	DIFI-Source	DIFI-Sink
minimum [Msps]		
maximum [Msps]		
granularity (steps of ...) [Msps]		

Supported Bandwidth	DIFI-Source	DIFI-Sink
minimum [MHz]		
maximum [MHz]		

Throughput	DIFI-Source	DIFI-Sink
Gbps		

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Implementation with reference Standard Version 1.2.1 chapter 6.3	DIFI-Source	DIFI-Sink
NTR Source		
NTR Sink		
TC Source		
TC Sink		
TC Source Follower		
TC Sink Master		
TC Source Burst		
TC Sink Burst		

Transport layer	DIFI-Source	DIFI-Sink
Do you support 802.1Q?		
Do you support 802.1ad?		
Do you support IPv6?		
What Max MTU size would you like to use for your testing?		

Your Host:

Please feel free to reach out to one of the Team Members below for any further information.

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